Contents Volume 99, 1992

Research Papers

Composition of inland waters with marine-like fauna and inferences for a Miocene lake in Spain
P. Anadón (Barcelona, Spain) 1
Early Silurian glaciations in Brazil
Y. Grahn (Stockholm, Sweden) and M. V. Caputo (Belém, Brazil) 9
Terrestrial palaeoclimatology in the Tertiary: a methodological critique
V. Mosbrugger and H.-D. Schilling (Bonn, Germany) 17
Taphonomy of a middle Miocene autochthonous forest assemblage, Ngorora Formation, central Kenya
B. F. Jacobs and D. A. Winkler (Dallas, TX, USA) 31
Holocene raised beaches along the northern coast of the Beagle Channel, Tierra del Fuego, Argentina
S. Gordillo, G. G. Bujalesky (Tierra Del Fuego, Argentina), P. A. Pirazzoli (Meudon-Bellevue, France), J. O. Rabassa (Tierra Del Fuego, Argentina) and J.-F. Saliège (Paris, France) 41
The disappearance of the "Ammonitico Rosso"
F. Cecca (Rome, Italy), E. Fourcade and J. Azéma (Paris, France) 55
Lapse rates and other variables applied to estimating paleoaltitudes from fossil floras
H. W. Meyer (Gainesville, FL, USA) 71
Palaeogeographical significance of the Triassic–Jurassic unconformity in the north Iberian basin (Sierra del Moncayo, Spain)
J. San Román and M. Aurell (Zaragoza, Spain) 101
Variation of coastal dynamics during the last 7000 years recorded in beach-ridge plains associated with river mouths: example from the central Brazilian coast
L. Martin and K. Suguio (Sao Paulo, Brazil) 119
Isotopic analysis of equid teeth from Wonderwerk Cave, northern Cape Province, South Africa
J. F. Thackeray (Pretoria, South Africa) and J. A. Lee-Thorp (Rondebosch, South Africa) 141
Oceanic anoxia at the Cretaceous/Tertiary boundary supported by the sulfur isotopic record
Y. Kajiwara (Tsukuba, Japan) and K. Kaiho (Sendai, Japan) 151
Organic-rich biolaminated facies from a Kimmeridgian lagoonal environment in the French Southern Jura mountains—A way of estimating accumulation rate variations
N.-P. Tribovillard (Orsay, France), G. E. Gorin (Genève, Switzerland), S. Belin (Rueil-Malmaison, France), G. Hopfgartner (Genève, Switzerland) and R. Pichon(Orsay, France) 163
The preservation of glacial-interglacial climatic signatures in the oxygen isotopes of elephant skeletal phosphate
L. K. Ayliffe (Manchester, UK), A. M. Lister (Cambridge, UK) and A. R. Chivas (Canberra, ACT, Australia) 179
Oligocene through Palaeogene/Neogene boundary foraminifera of the northern Mesohellenic Basin (Macedonia, Greece): biostratigraphy and palaeoecologic implications
R. Barbieri (Milan, Italy) 193
Diagenèse différentielle chez les rongeurs fossiles—validité des paramètres géochimiques pour les reconstitutions des régimes alimentaires
Y. Dauphin (Orsay, France) and C. Denys (Montpellier, France) 213
Radiocarbon chronology of Lake Bonneville, Eastern Great Basin, USA
C. G. Oviatt (Manhattan, KS, USA), D. R. Currey (Salt Lake City, UT, USA) and D. Sack (Madison, WI, USA) 225
Assessment of sampling bias in biogeography by means of a probabilistic estimate of taxonomic diversity: application to modern Indo-Pacific reef corals
P. Belasky (Los Angeles, CA, USA) 243
Responses of some Southern Hemisphere tree species to a prolonged dark period and their implications for high-latitude Cretaceous and Tertiary floras
J. Read (Hobart, Tasmania, Australia) and J. Francis (Adelaide, S.A., Australia) 271
Associations d'ostracodes et paléoécologie du Crétacé (Barrémien à Turonien) le long d'une transversale Agadir–Nador (Maroc)
B. Andreu (Toulouse, France) 291
Ooidal ironstones from Ordovician Gondwana: a review
T. P. Young (Cardiff, UK) 321
Shell construction, life habits and evolution in the gastropod *Velates*
E. Savazzi (Uppsala, Sweden) 349
Periglacial slope deposits and their pedogenic implications in Germany
A. Kleber (Bayreuth, Germany) 361
Ostracoda and dysaerobia in the Lower Jurassic of Wales: the reconstruction of past oxygen levels
I. Boomer (Norwich, UK) and R. Whatley (Aberystwyth, UK) 373